

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1. (Currently Amended) A radio communication system, comprising:

a maintenance terminal;

a first base station configured to adjust the phase of a frame signal according to a GPS signal when a predetermined re-synchronization time is reached, and transmits the frame signal; and

a subordinate base station which, upon reception of the frame signal from said first base station, is configured to adjust the phase of an internal frame signal to coincide with the received phase of the frame signal[[]],

wherein said first base station is further configured to adjust an internal clock operating according to a line clock based on a time matching signal transmitted from said maintenance terminal, said time matching signal being transmitted before the adjustment of the phase of the frame signal according to the GPS signal is performed.

Claim 2. (Currently Amended) The radio communication system, comprising:

a first base station configured to adjust the phase of a frame signal according to a GPS signal when a predetermined re-synchronization time is reached, and transmits the frame signal; and

a subordinate base station which, upon reception of the frame signal from said first base station, is configured to adjust the phase of an internal frame signal to coincide with the received phase of the frame signal[[]],

wherein if the first base station detects that a call has been generated before the predetermined re-synchronization time is reached, said first base station is configured to hand over the call to said subordinate base station.

Claim 3. (Previously Presented) The radio communication system according to claim 2, wherein when the handing-over of the call to said subordinate base station fails, said first base station is configured to forcibly cut the call.

Claim 4. (Previously Presented) The radio communication system according to claim 2, wherein when the handing-over of the call to said subordinate base station fails, said first base station is configured to receive a frame signal from another base station existing in the same area, and is further configured to adjust the phase of the internal frame signal to coincide with the phase of the thus received frame signal.

Claim 5. (Previously Presented) A method for radio communication comprising:
adjusting, at a first base station, a frame signal phase according to a GPS signal when a predetermined re-synchronization time is reached, and transmitting the frame signal to a subordinate base station;

adjusting, at a subordinate base station, an internal frame signal phase when the frame signal from said first base station is received, to coincide with the received phase of the frame signal; and

adjusting a first base station internal clock according to a line clock, based on a time matching signal transmitted from a maintenance terminal, said time matching signal being transmitted before the adjustment of the phase of the frame signal according to the GPS signal is performed.

Claim 6. (Currently Amended) ~~A method of radio communication~~ The method of
Claim 5, further comprising:

~~adjusting a first base station frame signal phase according to a GPS signal when a~~
~~predetermined re-synchronization time is reached, and transmitting the frame signal to a~~
~~subordinate base station;~~

~~adjusting a subordinate base station internal frame signal phase when the frame signal~~
~~from said first base station is received, to coincide with the received phase of the frame~~
~~signal; and~~

~~handing-over a call from the first base station to the subordinate base station, if the~~
~~first base station detects that a call had been generated before the predetermined re-~~
~~synchronization time was reached.~~

Claim 7. (Previously Presented) A method of radio communication according to
Claim 6, further comprising:

forcibly cutting the call at the first base station, if a hand-over of the call from the first
base station to the subordinate base station fails.

Claim 8. (Previously Presented) A method of radio communication according to
Claim 6, further comprising:

receiving, at the first base station, a frame signal from another base station existing in
the same area, and adjusting the phase of the first base station frame signal to coincide with a
phase of the thus received frame signal, if a hand-over of the call from the first base station to
the subordinate base station fails.

Claim 9. (Previously Presented) A base station connected to at least one subordinate base station via a radio communication system, comprising:

means for adjusting a frame signal phase according to a GPS signal when a predetermined re-synchronization time is reached, and transmitting the frame signal to the at least one subordinate base station; and

means for adjusting an internal clock according to a line clock, based on a time matching signal transmitted from a maintenance terminal, said time matching signal being transmitted before the adjustment of the phase of the frame signal according to the GPS signal is performed.

Claim 10. (Previously Presented) A base station connected to at least one subordinate base station via a radio communication system, comprising:

means for adjusting a frame signal phase according to a GPS signal when a predetermined re-synchronization time is reached, and transmitting the frame signal to the at least one subordinate base station; and

means for adjusting an internal clock according to a line clock based on a time matching signal transmitted from a maintenance terminal, said time matching signal being transmitted before the adjustment of the phase of the frame signal according to the GPS signal is performed; and

means for handing-over a call to the at least one subordinate base station if the base station detects that the call had been generated before the predetermined re-synchronization time was reached.

Claim 11. (Previously Presented) A base station according to Claim 10, further comprising:

means for forcibly cutting the call if a hand-over of the call from the base station to the at least one subordinate base station fails.

Claim 12. (Previously Presented) A base station according to Claim 10, further comprising:

means for receiving a frame signal from another base station existing in the same area, and adjusting the phase of the base station frame signal to coincide with a phase of the thus received frame signal if a hand-over of the call from the base station to the at least one subordinate base station fails.